

ABSTRACT OF THE DISCLOSURE

A laser apparatus includes: a block having a stepped shape formed with a plurality of mount portions which have different heights and are arranged in a first direction parallel to an optical axis in order of height; and a plurality of a collimator-lens array and a plurality of laser diodes, where the collimator-lens array in each of the plurality of sets is constituted by a plurality of collimator lenses which are arranged along a second direction and collimate laser beams emitted from the plurality of laser diodes in the set. The plurality of laser diodes and the collimator-lens array in each of the plurality of sets are fixed to one of the plurality of mount portions so that light-emission points of the plurality of laser diodes in the set are aligned in a third direction.